ServoSpray Download Procedures – Method B

- 1. Exit the Machine Program and Power Off the Circuit Breaker in the ServoSpray Control Box.
- 2. Attach the Special Download Ribbon Cable connector marked **Prog** to the connector below controller board as shown. Below.
- **3.** Connect the opposite end of cable to Download Computer Serial Port directly or via Straight Through Serial Cable.



- **4.** Power on the CB to Flux Controller Box.
- **5.** Start the Rabbit Field Utility Program, **RFU.exe** Found in the c:\ServoSpray\ ProgLoader Folder. Or from the start menu: Start Programs ServoSpray Firmware Upgrade
- 6. Select <u>Setup</u> from the Menu and choose File Locations.
- 7. Verify Selections appear as below and Press OK. If location is incorrect press button next to box to select correct location.

nabbit Field Utility 2.50	
<u>F</u> ile <u>S</u> etup <u>H</u> elp	
Choose File Locations	
File Locations	
Cold Loader : C:\ZWorld RFU\coldload.bin	
Pilot BIOS : C:\ZWorld RFU\pilot.bin	
Flash table : C:\ZWorld RFU\Flash.ini	
OK Cancel He	lp

- Select Setup again and select Communications.
 Choose Proper COM port, typically COM1 and select Use USB to Serial Converter if required. Click OK when Complete.

📸 Rabbit F	
File Se	munications Options
	TCP/IP Options
	C Use <u>I</u> CP/IP Connection <u>Discover</u>
	Network Address :
	Controller Name :
	Control Port : 4244
 	Serial Options
	Use Serial Connection
	Baud Rate : 115200 💌
	Comm Port : COM1
	Enable Processor Detection
	Use USB to Serial Converter
	OK Cancel Help

- 10. Select <u>File</u> from the menu and choose Load Flash Image.
- **11.** Click on the button next to the File Location Box if the correct File name is not displayed in the box. Choose the correct file from the Open Box and click Open. Typically **SSXX.bin**, where XX represents the Revision of the software.

🛍 Rabbit Field Utility 2.50	Open 🥐 🔀
<u> </u>	Look in: 🗁 ZWorld RFU 💽 🔶 💼 🖝 📰 •
Choose Flash Image	COLDLOAD.BIN pilot.bin S51pt2d.bin S513.bin
File Location : C:\ZWorld RFU\	File name: SS13.bin Open
OK Can	Files of type: Binary Image Files (*.bin)

12. Click OK on the Choose Flash Image box when correct Folder and Bin file is displayed.

🗃 Rabbit Field Utility 2.50	
<u>F</u> ile <u>S</u> etup <u>H</u> elp	
Choose Flash Image Flash Image File Location : C:\ZWorld RFU\SS13.bin OK Cancel Help	
	1

13. After Coldloader, Pilot Bios and Flash are sent to controller, Sending Program to Controller will begin. When Complete, close RFU program, disconnect Serial Cables, Cycle Power to the Fluxer Control Box and Restart the Machine Program.

🛍 Rabbit F	ield Utility 2.50 (C:\ZWorld RFU\SS13.bin)	
∬ <u>F</u> ile <u>S</u> el	tup <u>H</u> elp	
C	Progress (C:\ZWorld RFU\SS13.bin)	
	Sending Coldloader	
	Cancel	
		-

Installation Complete.